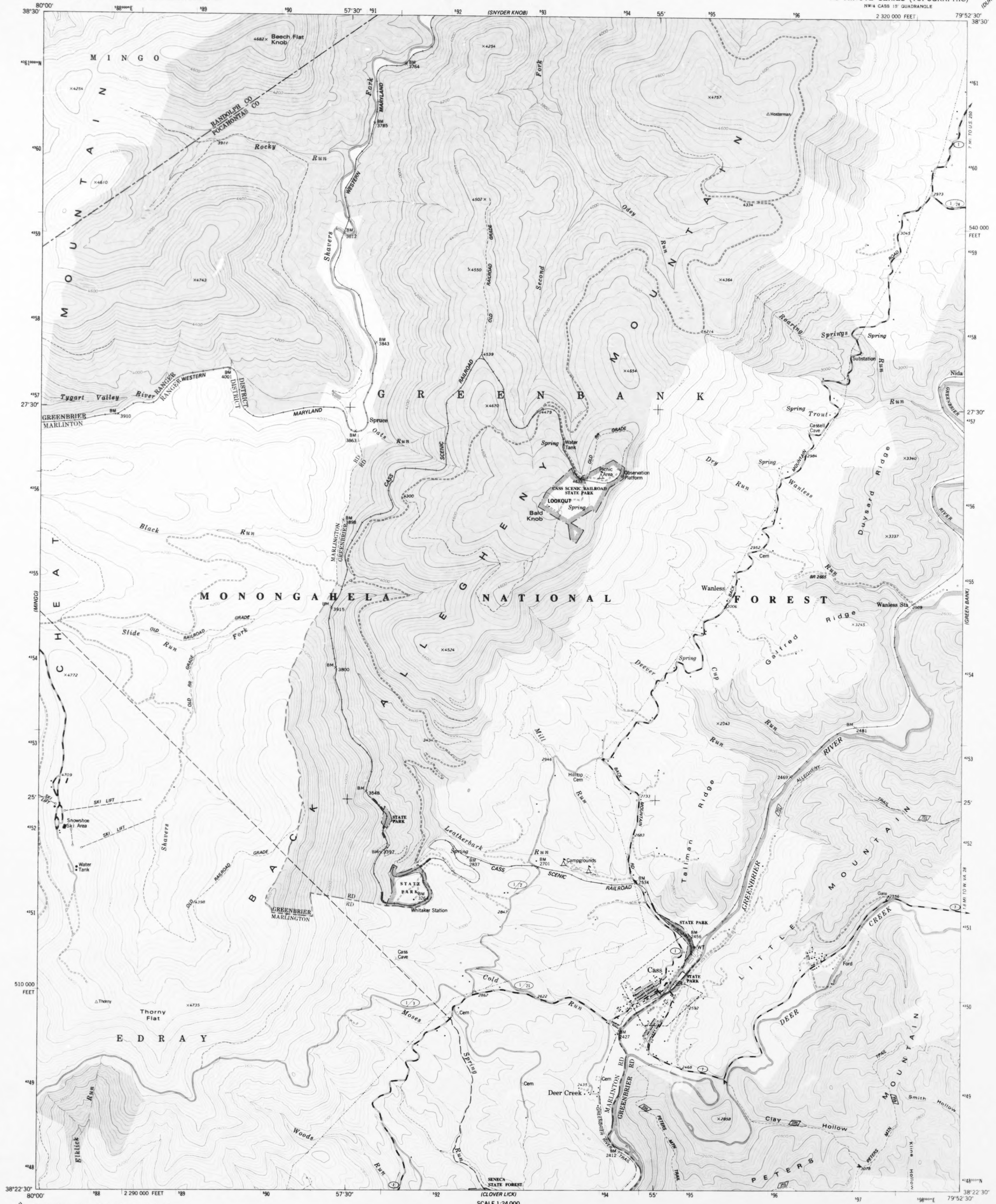
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
MODIFIED FOR USDA FOREST SERVICE USE

CASS QUADRANGLE
WEST VIRGINIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 CASS 15' QUADRANGLE



Base map prepared by the U.S. Geological Survey
Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1973. Field checked 1974

Projection and 10,000-foot grid ticks: West Virginia coordinate system, south zone (Lambert conformal conic)
1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue. 1927 North American datum

Modification to USGS base map by the Geometronics Service Center from 1985 aerial photography and 1987 correction guides furnished by the Eastern Region

UTM GRID AND 1988 MAGNETIC NORTH DECLINATION AT CENTER ON SHEET

SCALE 1:24 000

CONTOUR INTERVAL 40 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

LEGEND

- National Forest Boundary
- National Forest Land as of 1987
- Locked Gate
- Trail
- Road, Location Approximate
- Trail, Location Approximate
- Primary Highway
- Secondary Highway
- Improved Road, Paved
- Improved Road, Gravel
- Improved Road, Dirt
- Unimproved Road, Dirt
- 64 Interstate Highway
- 82 U.S. Highway
- 898 State Highway
- 569 Secondary State Highway
- 175 Forest Road
- 583 Forest Trail

MONONGAHELA NATIONAL FOREST
QUADRANGLE LOCATION DIAGRAM

Copies of this map are available for purchase at:
Forest Supervisor's Headquarters
Sycamore Street Box 1548
Elkins, West Virginia 26241

CASS, W. VA.
NW/4 CASS 15' QUADRANGLE
N3822.5—W7952.5/7.5

1977

DMA 5060 IV NW—SERIES V854

☆U.S. GOVERNMENT PRINTING OFFICE: 1989-644-978